



Massachusetts Department of Environmental Protection
Bureau of Resource Protection – Watershed Permitting Program
**Sanitary Sewer Overflow (SSO)/Bypass
Notification Form**

FOR DEP USE ONLY

Tax Identification Number

A. Reporting Facility

1. Facility Information

Hull, MA WPCF

MA0101231

Reporting Sewer Authority

Permit #

2. Authorized Representative Transmitting Form:

Aram

Varjabedian

781-925-0906

First Name

Last Name

Telephone No.

Plant Manager

avarjabedian@woodardcurran.com

Title

E-mail Address

B. Phone Notifications:

1. MassDEP staff contacted:

Contacted By Email

David

First Name

Burns

Last Name

Date/Time contacted:

03/06/2018 06:06 PM

Contacted by:

2. EPA staff contacted:

Contacted by: Email

David

First Name

Turin

Last Name

Date/Time EPA contacted:

03/06/2018 06:06 PM

3. Board of Health contacted:

Contacted by: Email

Joyce

First Name

Sullivan

Last Name

Date/Time contacted:

03/06/2018 06:06 PM

4. Others notified:

Hull Wastewater Division Manager - John Struzziery, Hull Harbormaster / Shelfish
Warden - Kurt Bornheim, Division of Marine Fisheries - Ryan Joyce, Hull
Conservation Agent - Chris Krahforst, DPW Director - Jim Dow, Town Manager -
Philip Lemnios.

Contacted by: Email

Comments Also notified/provided update to Hull Sewer Dept.- John Struzziery, Wastewater Divisi



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C. SSO Information

1. SSO Discovered: _____ Date and Time 03/05/2018 05:00 PM
By: John Struzziery

2. SSO Stopped Date and Time 03/06/2018 10:30 AM

3. SSO Discharge from: Other
Sanitary Manhole, Pump Station, Backup into property, Other - Specify Below

Specify: Leak due to blockage from lateral cleanout on the side of Main Street. Near 83 Main Street, but service connection was from 20 Newton Street

4. SSO Discharge to: Catchbasin to Receiving Waters
Ground Surface, Direct to Receiving Water, Catch Basin to Receiving Water, Backup into Basement

Specify: Some of the leak made it to a catch basin that was very close by, while some of the liquid traveled a short distance down Main Street. These catch basins eventually

Location: Main Street, near #83.
(Description of discharge site or closest address)

X,Y Coordinates 42.30358, -70.91246

5. Estimated SSO Volume at time of this Report: Less than 50 gallons [difficult to determine]
Method of Estimating Volume: Visual

Other Method: _____

6. Cause of SSO Event: Sewer System Blockage
Rain Event, PS Failure, Insufficient Capacity in System, Treatment Unit failure, Sewer System Blockage, Pipe Collapse, Root Intrusion, Grease Blockage, Other

Specify: _____
The leak was inspected by Aram V. and Bill B. on 3/5/18 after reported by John Struzziery. Calls made to a number of drain cleaning companies, and arrangements made for the following morning, since darkness had arrived. Blockage in lateral at curb - specifically at cleanout wye where PVC meets clay pipe. Blockage cleared by "Budge It Drains" on March 6, 2018 at 10:30 am. Truax Corp performed additional cleaning of area on 3/7/18 including two down gradient catch basins.

7. Corrective Actions :

Impact Area cleaned and/or disinfected: Yes Corrective Actions Completed: Yes

Details: Surface area cleaned & washed down. Truax Corp. Vactor truck vacuumed out 2 catch basins and hosed down entire area on 3/7/18.



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D. Comments/Attachments/Follow-up

Additional comments and
planned actions:

See attached and additional comments.

I wish to provide the following:

Attachment, Additional Comments

Attachment, Additional Comments, No Additional Comments or Attachments

Map

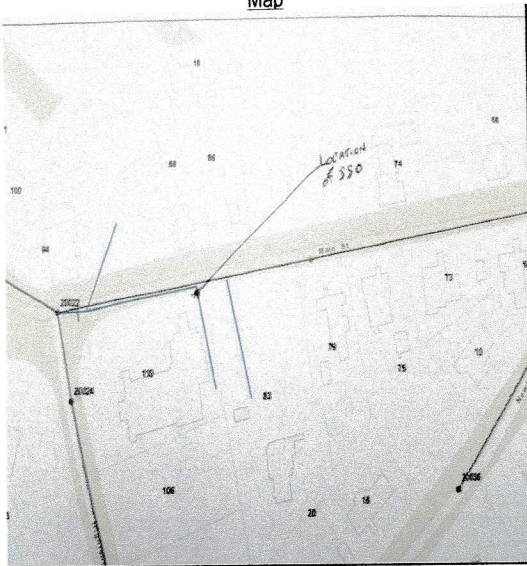


Photo 1

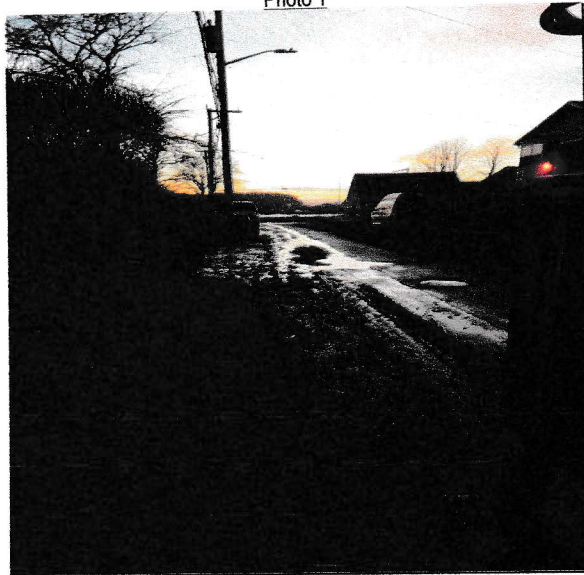


Photo 2



Photo 3





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E. Certification Statement

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Aron Vayabedian

Signature of Authorized Representative

03/10/2018

Date Signed

Please keep a copy of this report for your records. When submitting additional information, include the MassDEP Incident Number from

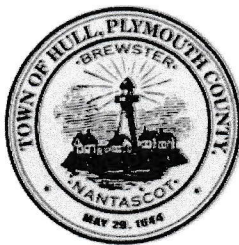
MassDEP Regional Office and EPA Telephone and Fax Numbers:

Northeast Phone: 978-694-3215
Southeast Phone: 508-946-2750
Central R Phone: 508-792-7650
Western F Phone: 413-784-1100
EPA Cont Phone: 617-918-1870
DEP 24-hr Phone: 888-304-1133

Fax: 978-694-3499
Fax: 508-947-6557
Fax: 508-792-7621
Fax: 413-784-1149
Fax: 617-918-0870

Town of Hull Wastewater Treatment Plant

1111 Nantasket Avenue
Hull, MA 02045
(781) 925-1207



NPDES Permit #
MA0101231

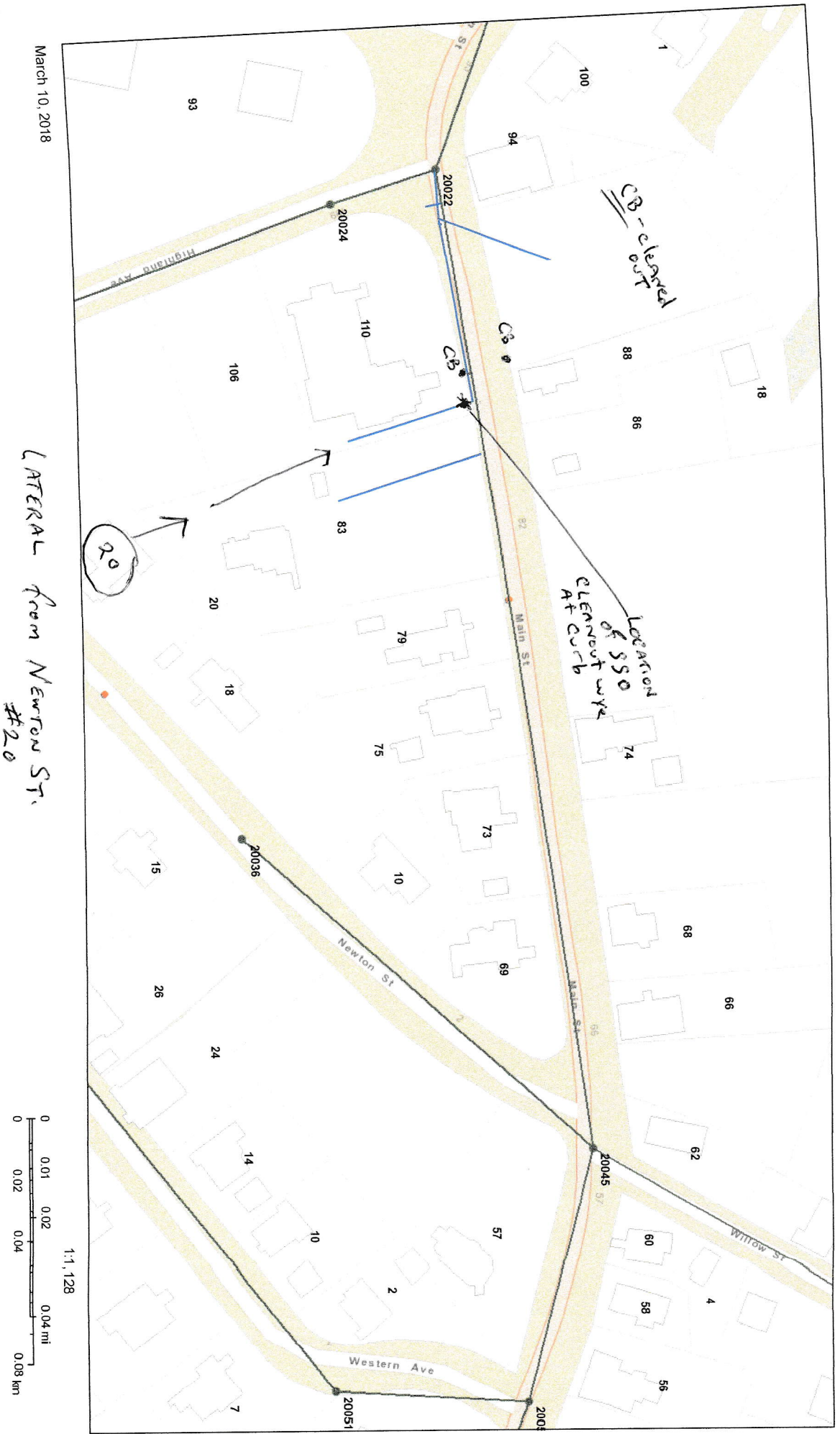
Unauthorized Discharge Summary to Surface Waters Near 83 Main Street, Hull, MA [3/5/18]

Location (address or latitude and longitude);	<i>On SSO form</i>
Date and Time unauthorized discharge began;	<i>On SSO form</i>
Date and Time unauthorized discharge stopped;	<i>On SSO form</i>
Source of the notification (e.g., property owner, field crew, police);	<i>On SSO form</i>
Type of asset from which the unauthorized discharge occurred (e.g., station, manhole, main);	<i>Sewer lateral wye-cleanout near the sewer main</i>
Estimated gallons released;	<i>On SSO form</i>
Method used to estimate volume;	<i>On SSO form</i>
Cause of the unauthorized discharge, (blockage or break; mechanical, electrical, or structural failures);	<i>On SSO form</i>
If caused by a blockage, identify the type of blockage (e.g., grease, rags, debris);	<i>Rags, debris</i>
If caused by a mechanical, electrical, or structural failure, the date of the last inspection, maintenance, or repair of the failed asset;	<i>Possible structural issue where PVC meets the clay pipe. Further camera inspection needed to determine if additional repair necessary.</i>
Did the release reach any portion of the Town's Municipal Separate Storm Sewer System ("MS4").	<i>Yes</i>
If the release occurred to the ground, provide the location of the nearest down-gradient catch	<i>See attachment - diagram</i>

basin and the name of the receiving water to which the catch basin discharges;	
Did the release reach a wetland or surface water? If so, include the name and exact location where?	<i>Not sure if the release reached Hull Bay, since there was no rain on the date that the SSO was found, and no precipitation on the following 2 days.</i>
Measures taken to minimize the volume and duration of the unauthorized discharge;	<i>See corrective action on SSO form</i>
Measures taken to clean the area where the unauthorized discharge occurred;	<i>On SSO form – area was hosed down and all water vacuumed up.</i>
Corrective actions taken to prevent reoccurrence of unauthorized discharges at the same location;	<i>Further investigation of the connection needed.</i>
Date of the last unauthorized discharge in the same general location;	<i>Unknown</i>

3-5-18

Hull Waste Water



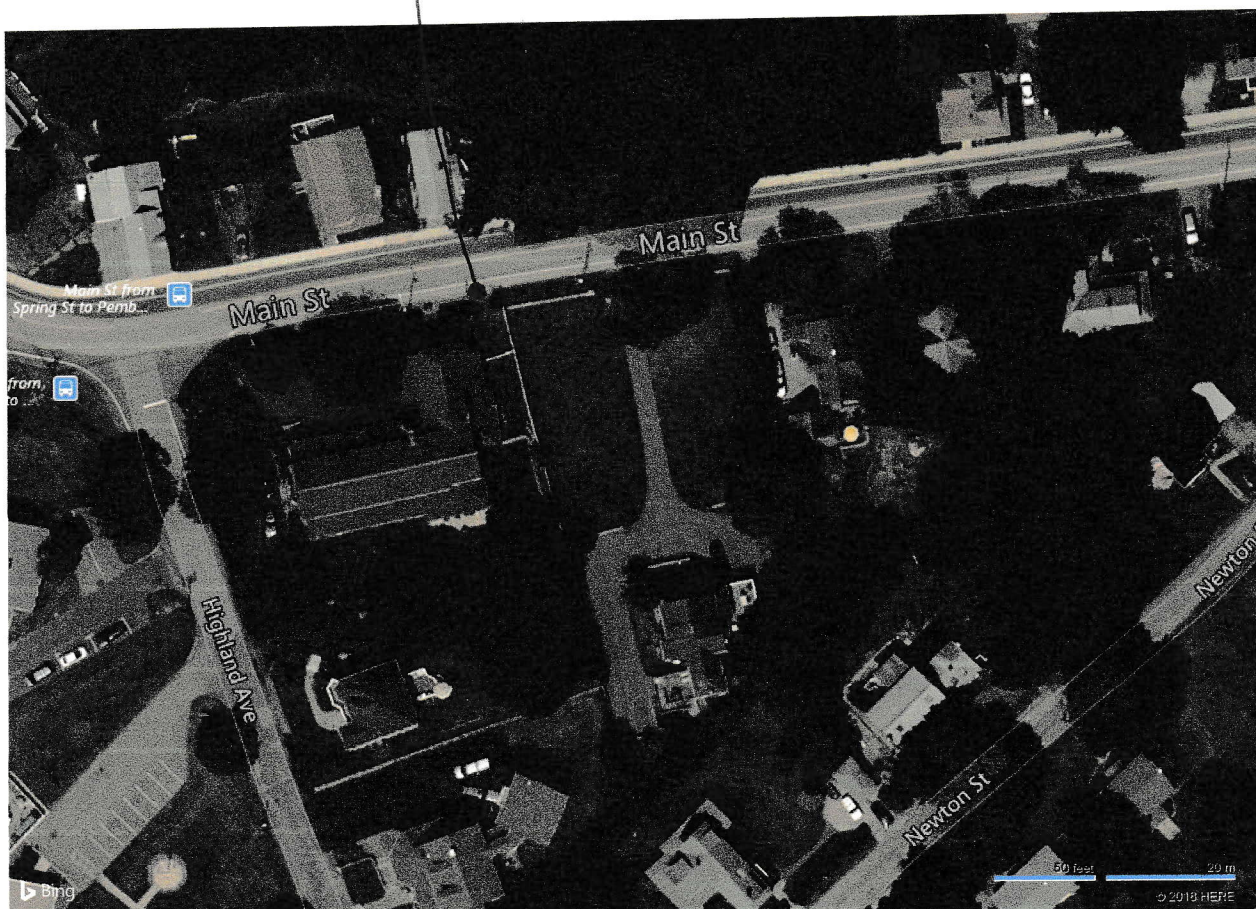
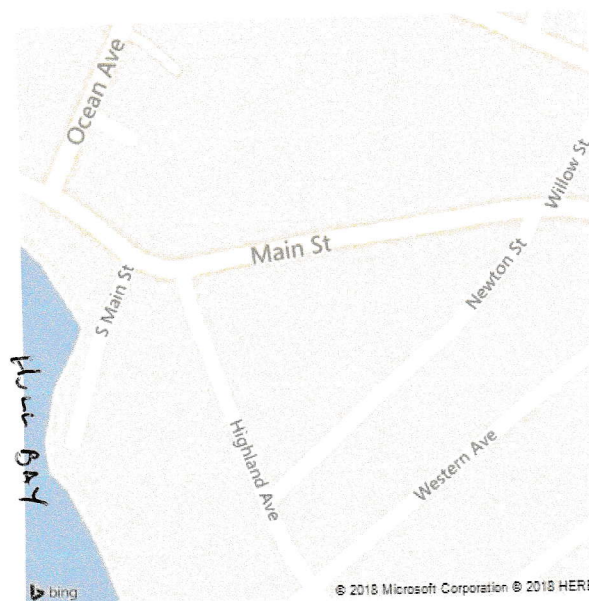
Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Ireland), NGCC, © OpenStreetMap contributors, and the GIS User Community

Aerial View - Bing Maps

bing maps

Notes

SSO Location





3/5/18 MAIN ST
 AREA BEFORE CLOG
 WAS CLEARED -
 ALSO SOME RUN-OFF
 FROM RECENT WEATHER
"WRT"

CLEANOUT COVER

CATCH BASIN

SURFACE AREA
 CLEANED UP
 ON 3/6/18 by
 "Budge IT
 DRAINING"
 After blockage
 cleared

Google Earth - New Placemark

Name: storm catch basin

Latitude: 42°18'12.68"N

Longitude: 70°54'44.93"W

DMS



Coordinates 42.30358
-70.91248 DDD

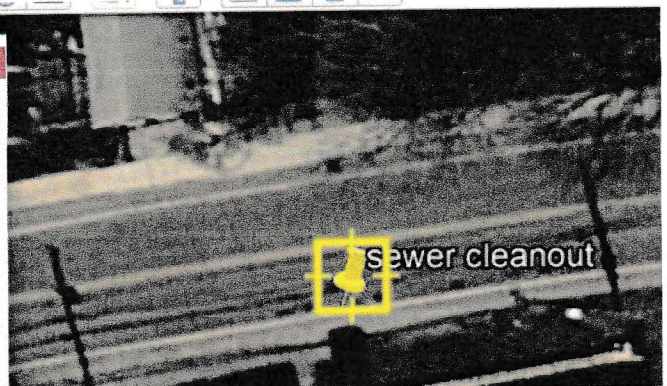
Google Earth - New Placemark

Name: sewer cleanout

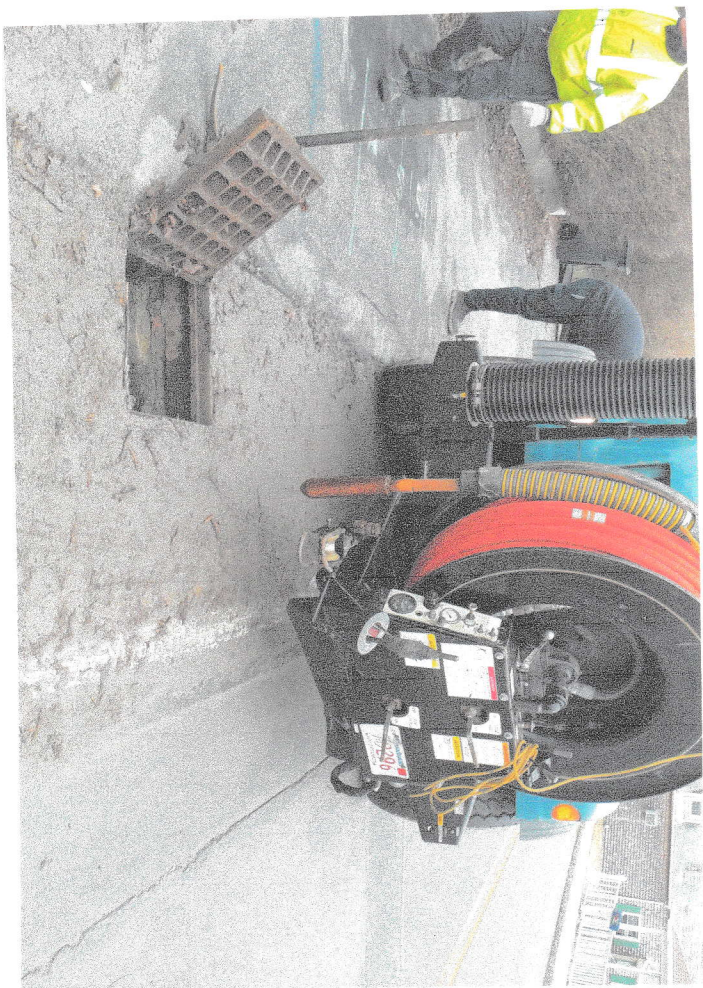
Latitude: 42°18'12.89"N

Longitude: 70°54'44.86"W

DMS



SSO
Coordinates 42.30358
-70.91246 DDD



3-7-18
 TRUAX Corporation - Vector Svc. Clear out
 2 catch BASINS + hose down AREA +
 VACUUM UP ALL WATER + DEBRIS



Aram Varjabedian

From: Aram Varjabedian
Sent: Tuesday, March 06, 2018 6:06 PM
To: Berardinelli, Terri; Bill Boornazian; david.burns (david.burns@state.ma.us); Dow, James (jdow@town.hull.ma.us); Frank Cavaleri; jstruzziery (jstruzziery@town.hull.ma.us); jsullivan (jsullivan@town.hull.ma.us); Kate Roosa (kroosa@woodardcurran.com); kbornheim (kbornheim@town.hull.ma.us); Krahforst, Chris (ckrahforst@town.hull.ma.us); Lemnios, Philip (plemnios@town.hull.ma.us); O'Connor, Carol; Robert Scott (rscott@woodardcurran.com); Turin, David (Turin.David@epa.gov)
Subject: RE: Hull, MA - MA0101231 - SSO Notification - near 83 Main Street, Hull, MA resend

Good evening:

Please disregard first email which had info from an earlier SSO. I apologize for the oversight. It has been a long week.

On March 5th at approximately 5pm we investigated a call on a leak in the road on Main Street near #83. The main line manholes upstream and downstream of this location were found to be flowing satisfactorily. Upon checking a clean out by the side of the road where the leak was seen, we verified that this leak was sanitary sewage. This was residential flow from one house and the line was snaked and the blockage cleared earlier this morning.

A full SSO report will follow.

Sincerely,

Aram

Aram Varjabedian
Plant Manager
Hull Wastewater Treatment Facility
1111 Nantasket Avenue | Hull, MA 02045
Phone 781.925.0906 | Fax 781.925.3056 | Cell 339.214.8334
www.woodardcurran.com



COMMITMENT & INTEGRITY DRIVE RESULTS